

IN THE CLAIMS

Please cancel Claim 2 without prejudice or disclaimer of subject matter, amend Claims 1, 3, 4, 7, 11, 12, 15, 20, 24 and 26-29 and add Claims 30-40. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (currently amended): A method according to claim 26, wherein:
the multimedia time-based video content is a data set comprising at least one of video data, still-image data and audio data;
the attribute characterizing the multimedia time-based video content comprises first meta-data derived from the data set and possibly further derived from second meta-data associated with the at least one data set;
the operating defining step comprises determining, depending upon the first meta-data, a set of instructions from the pre-defined template; and
the applying step comprises applying the instructions to the data set to produce processed the description of the output data production.
2. (canceled).

3. (currently amended): A method according to claim 1, wherein the instructions comprise a temporal mapping process and the applying step comprises:

applying the temporal mapping process to the data set to produce the description of the output production having a modified temporally structured processed output data temporal structure.

4. (currently amended): A method according to claim 1, wherein the instructions comprise a temporal mapping process and an effects mapping process, and wherein the applying step comprises the sub-steps of:

applying the temporal mapping process to the data set to produce a preliminary description of an output production having a modified temporally structured data temporal structure; and

applying the effects mapping process to the modified temporally structured data having regard to the preliminary description to produce the processed description of the output data production having the modified temporal structure and a modified effects structure,

wherein the steps of having the temporal mapping process and applying the effects mapping process can alternatively be performed in the reverse order.

5. (Previously Presented) A method according to claim 1, wherein the data comprises a live capture data set segment.

6. (Canceled).

7. (currently amended): A method according to claim [[1]] 26, wherein the template is constructed using heuristic incorporation of experiential information of an expert.

8. - 10. (Canceled).

11. (currently amended): An apparatus according to claim 27, wherein:
the multimedia time-based video content is a data set comprising at least one of video data, still-image data and audio data;
the attribute characterizing the multimedia time-based video content comprises first meta-data derived from the data set and possibly further derived from second meta-data associated with the at least one data set;
the operating defining means are adapted to determine, depending upon the first meta-data, a set of instructions from the pre-defined template; and

the application means are adapted to apply the instructions to the data set to produce processed the description of the output data production.

12. (currently amended): An apparatus according to claim 28, wherein:

the multimedia time-based video content is a data set comprising at least one of video data, still-image data and audio data;
the attribute characterizing the multimedia time-based video content comprises first meta-data derived from the data set and possibly further derived from second meta-data associated with the at least one data set;

the operating defining means are adapted to determine, depending upon the first meta-data, a set of instructions from the pre-defined template; and
the application means are adapted to apply the instructions to the data set to produce processed the description of the output data production.

13. (Previously Presented) An apparatus according to claim 11, wherein the template includes one or more of rules and references heuristically based upon experience of an expert.

14. (Canceled).

15. (currently amended): A computer readable memory medium according to claim 29, wherein:

the multimedia time-based video content is a data set comprising at least one of video data, still-image data and audio data;

the attribute characterizing the multimedia time-based video content comprises first meta-data derived from the data set and possibly further derived from second meta-data associated with the at least one data set;

the code for operating defining comprises code for determining, depending upon the first meta-data, a set of instructions from the pre-defined template; and

the code for applying comprises code for applying the instructions to the data set to produce processed the description of the output data production.

16. (Cancelled).

17. (Previously Presented) A method according to claim 1, wherein the step of determining the set of instructions comprises the sub-steps of:

constructing, using the template and the first meta-data, a series of directions which refer to at least one of (a) segments of the at least one data set, (b) segments of the template, and (c) other information; and

resolving the references thereby to compile the directions into the set of instructions.

18. (Previously Presented) An apparatus according to claim 11, wherein the second determining means comprise:

means for constructing, using the template and the first meta-data, a series of directions which refer to at least one of (a) segments of the at least one data set, (b) segments of the template, and (c) other information; and means for resolving the references thereby to compile the directions into the set of instructions.

19. (Previously Presented) A computer readable memory medium according to claim 15, wherein the code for the second determining step comprises:

code for constructing, using the template and the first meta-data, a series of directions which refer to at least one of (a) segments of the at least one data set, (b) segments of the template, and (c) other information; and code for resolving the references thereby to compile the directions into the set of instructions.

20. (currently amended): A method of editing multimedia processing a plurality of time-based video content items into a description of an output production, the method comprising the steps of:

deriving an attribute characterizing a duration of at least one of the multimedia time-based video content items from meta-data of the multimedia time-based video content item;

operating upon the attribute using a pre-defined template to establish an editing process, said editing process including a temporal mapping process and an effects mapping process, said operating step determining the temporal mapping process in accordance with the attribute; and

applying the editing process to at least one of the multimedia time-based video content to thereby edit items and a description of the multimedia time-based video content items to thereby form the description of an output production, wherein the applying step is performed prior to presenting any information depending upon the description of the output production.

21. - 23. (Canceled).

24. (currently amended): A method according to claim 20, wherein the applying step comprises sub-steps of:

first applying the temporal mapping process to the multimedia time-based video content items to produce a preliminary description comprising modified temporally structured data, and

second applying the effects mapping process having regard to modified temporally structured data the preliminary description to produce the processed description of the output content production.

25. (Canceled).

26. (currently amended): A computer-based method of editing multimedia time-based video content to form a description of an output production, the method comprising the steps of:

selecting a plurality of time-based video content items;

selecting a pre-defined template;

deriving an attribute characterizing the multimedia at least one of said time-based video content items;

~~operating defining a computer-based editing process dependent upon the attribute using a and the pre-defined template to establish a computer-based editing process; and~~

~~applying the computer-based editing process to at least one of the multimedia content, thereby to edit the multimedia time-based video content items and a description of the time-based video content items thereby to form the description of the output production, wherein the applying step is performed prior to presenting any information depending upon the description of the output production.~~

27. (currently amended): A computer-based apparatus for editing ~~multimedia time-based video content to form a description of an output production~~, the apparatus comprising:

~~capture means for capturing the multimedia time-based video content;~~
~~deriving means for deriving an attribute characterizing the multimedia content;~~
~~operating means for operating upon the attribute using a pre-defined template to establish a computer-based editing process; and~~

~~application means for applying the computer-based editing process to the multimedia content, thereby to edit the multimedia content, wherein the deriving means, the operating means and the application means are housed on board the capture means~~ selecting means for selecting a plurality of time-based video content items from the time-based video content;

deriving means for deriving an attribute characterizing at least one of the time-based video content items;

defining means for defining a computer-based editing process dependent upon the attribute and the pre-defined template; and
applying means for applying the computer based editing process to at least one of the time-based video content items and a description of the time-based video content items thereby to form the description of the output production,

wherein said applying means performs the applying prior to presenting any information depending upon the description of the output production, and
wherein the deriving means, the defining means and the application means are housed on board the capture means.

28. (currently amended): A computer based apparatus for editing multimedia time-based video content to form a description of an output production, the apparatus comprising:

capture means for capturing the multimedia time-based video content;
selecting means for selecting a plurality of time-based video content items from the time-based video content;
deriving means for deriving an attribute characterizing at least one of the multimedia time-based video content items;
operating means for operating upon the attribute using a pre-defined template to establish a computer-based editing process; and
defining means for defining a computer-based editing process dependent upon the attribute and the pre-defined template; and
application applying means for applying the computer-based editing process to at least one of the multimedia time-based video content items and a description of the time-based video, thereby to edit the multimedia content items thereby to form the description of the output production,
wherein said applying means performs the applying prior to presenting any information depending upon the description of the output production, and

wherein the deriving means, the operating defining means and the application means are distributed between the capture means and an off-board processor.

29. (currently amended): A computer readable memory medium for storing a program for apparatus for editing multimedia time-based video content to form a description of an output production, the program comprising:

code for selecting a plurality of time-based video content items from the time-based video content;

code for deriving an attribute characterizing at least one of the multimedia time-based video content items;

code for operating upon the attribute using a pre-defined template to establish a computer-based editing process; and

code for defining a computer-based editing process dependent upon the attribute and the pre-defined template; and

code for applying the computer-based editing process to at least one of the multimedia time-based video content item and a description of the time-based video content item[.,]] thereby to edit the multimedia content form the description of the output production.

wherein the applying step is performed prior to presenting any information depending upon the description of the output production.

Claim 30 (new): A method according to claim 26, wherein the description of the output production is an EDL.

Claim 31 (new): A method according to claim 26, wherein the information depending upon the description of the output production is the output production.

Claim 32 (new): A method according to claim 26, wherein:
the selecting step includes selecting the plurality of time-based video content items according to a first order; and
said computer-based editing process is capable of excluding at least one of the plurality of time-based video content items from the description of the output production.

Claim 33 (new): A method according to claim 26, wherein:
the selecting step includes selecting the plurality of time-based video content items according to a first order; and

said computer-based editing process is capable of arranging the plurality of selected time-based video content items in the description of the output production in a different order.

Claim 34 (new): A method according to claim 26, wherein:
the computer-based editing process is capable of cutting the plurality of selected time-based video content items into the description of the output production according to a cutting rhythm defined by the template.

Claim 35 (new): A method according to claim 26, wherein the method further comprises the step of, prior to the defining step:
receiving an editing command that does not include any of (a) a reference to an explicit startpoint or (b) the explicit startpoint, at which a said selected time-based video content item is to be inserted into the description of the output production; and
wherein the computer-based editing process is dependent upon the selected plurality of time-based video content items and the pre-defined template and the editing command; and
wherein the computer-based editing process is capable of determining dependent upon said editing command, at least one of (c) the reference and (d) the explicit

startpoint at which said selected time-based video content item is inserted into the description of the output production.

Claim 36 (new): A method according to claim 35, wherein the editing command designates a segment of a selected media content items for one of inclusion in and omission from the description of the output production.

Claim 37 (new): A method according to claim 26, wherein the attribute comprises at least one of:

- a duration of a said content item;
- relative durations of at least some of the content items;
- the relative order of at least some of the content items;
- amplitude of an audio signal in a said content item;
- image motion in a said content item;
- presence of a particular image object in a said content item;
- inferred camera motion in a said content item;
- an inferred camera setting used in relation to capture of a said content item;
- a scene change in a said content item;
- the date of a said content item;

the time of recording of a said content item;

a light level in a said content item;

presence of a particular voice in a said content item;

presence of a keyframe in a said content item;

metadata indicating a point of approval relating to a said content item; and

metadata indicating a point of disapproval relating to a said content item.

Claim 38 (new): A computer based method of editing time-based video content to form an output production, the method comprising the steps of:

selecting a plurality of time-based video content items;

selecting a pre-defined template;

deriving an attribute characterizing at least one of the time-based video content items;

defining a computer-based editing process dependent upon the attribute and the pre-defined template; and

applying the computer based editing process to at least one of the time-based video content items and a description of the time-based video content items thereby to form the output production, wherein the applying step is performed prior to presenting any information depending upon the output production.

Claim 39 (new) A method according to claim 38, wherein the information depending upon the production is the output production.

Claim 40 (new): A method according to claim 26, wherein the description of the output production is a memory based representation of the output production.